

Leuna Chemical Plant, Corporation for Mineral Derivatives

This catalog ^{lists} contains the products made by this plant during 1948. They are arranged in fifteen groups, ~~which include all products falling within this particular field.~~ All orders are subject to the shipping and payment conditions listed below. Most of the products listed here are controlled. It is therefore recommended ^{that} ~~to contact~~ the sales and shipping department, ^{be contacted} on the question of delivery before placing an order ^{is placed}.

We can deliver only the amount specified by the allocation authorities on the allocation certificate.

Conditions of Sale:

I. Prices:

All prices quoted in this catalog are FOB Leuna, not including crating, freight charges, postage, and insurance. Exceptions are marked as such.

II. Extra charges:

Extra charges are computed as follows: ~~on deliveries:~~

Tank cars: Rental fee per 100 kg of product	DM 0.30
Pressure tank cars: Rental fee for two-axle cars	DM 4.05 per day
for four-axle cars	DM 8.05 per day
Steel tanks: Filling fee per kg 100 kg of product	DM 5.00
Rental fee : none for unloaded fuel gas	None
for propane:	
for 15 kg bottles	DM 1.50 per shipment
for 33 kg bottles	DM 2.50 per shipment

Barrels, carboys, and canisters : Filling fee per 100 kg of product	DM 2.00
Rental fee per 100 kg of product	DM 0.50

Pressure barrels: Filling fee per 100 kg of product	DM 5.00
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"K"-glue: Barrel rental fee per 100 kg of product	DM 1.25
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"Mereinit": Filling fee per barrel	DM 1.00
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"Pharma" canisters: Filling and rental fee for 5-liter canisters:	DM 0.60
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for 10-liter canisters:	DM 0.90
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for 20-liter canisters:	DM 1.40
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Deposit charges for packing material (crates, containers, etc.) are charged according to local rates.

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III. CONDITIONS OF PAYMENT

Payments in full are to be made within 30 days after receipt of the bill. This applies also to partial ~~shipments~~ deliveries. If this condition is not met, we reserve the right ^{to} sue for damages for non-fulfillment of contract at once, or to cancel our own contractual obligations partially or entirely. This does not affect the carrying charges ^{as} provided by law. If we should be advised of circumstances which adversely affect the credit rating of the party ordering or purchasing the goods, we reserve the right to demand payment in advance or the return of shipments already delivered.

IV. PLACE OF PAYMENT: Leuna (Kreis Merseburg)

V: SHIPMENT

Goods are shipped carefully packed. Shipments are made at the consignee's risk. We are not responsible for damages or loss during transport. ^{On prepaid freight} ~~in advance~~ ^{freight} ~~paid~~ shipments we pay only the freight charges. All other costs, e.g. loading or reloading charges, etc., must be met by the consignee. We will provide for insurance of the shipment only if specifically requested. The cost of the ~~xxx~~ insurance is charged to the consignee. Containers supplied on loan must be returned ^{within 30 days at the latest} ~~at once~~, ^{freight} ~~carriage~~ prepaid, in clean condition and ready for ~~xxxxx~~ re-use, ^{at the latest within 30 days}. The unloading period allowed free of charge for tank cars is three days. Fees will be charged for delays, as follows:

for the 4th day: DM 6.00

for the 5th day DM 9.00

for the 6th day: DM 12.00

from the 7th day on: DM 15.00 per day.

~~Corrosive, explosive, or inflammable~~
VI. DELIVERY TERMS

~~Any~~ ^{set} Delivery dates given by the firm are not guaranteed. Delay charges against the firm are not applicable, if the delay was due to causes within or outside of plant, for which our responsibility cannot be proved, or if ~~xxx~~ it was due to shortage of material or manpower, mechanical breakdowns, or similar causes. This provision is valid even if we were already behind our scheduled delivery date at the time these circumstances occurred.

We are responsible ^{for} only to the extent of the delay charges ~~as~~ provided by law,

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amounting to a maximum of ^{5 percent} of the value of the delayed shipment or partial shipment.

VII. CANCELLATION OF CONTRACT

If circumstances as described in ^{Section} par. VI affect our operations to a great extent, or if they cause a considerable change in the economic importance ^{of} the material contents of the ~~not~~ order, we reserve the right to cancel the contract, without making ourselves liable to suits for damage. ^{We do not forfeit this right if} ~~This also applies, if an~~ ^{of cancellation} ~~order cannot be met~~ even though the delivery date has been extended. ^{fact}

VIII. CONFIRMATION OF ORDERS

Telephone orders cannot be guaranteed. They become fully valid only after they have been confirmed in writing by the customer and after the receipt of the written order has been confirmed by us.

IX. COMPLAINTS

^{Complaints} ~~They~~ can be considered only if they have been made immediately after receipt of the shipment. ^{They} ~~Complaints~~ must be made in writing. In case of unjustified complaints, we have the right to charge the complainant for the costs of ~~xxx~~ testing of the goods. We are responsible only for the ^{actual loss of} ~~immediate decrease in~~ value of the ~~quality~~ goods due to substandard quality.

Partial ~~shipment~~ deliveries may not be refused.

~~X. RESERVATION OF PROPERTY RIGHTS~~

~~We~~

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X. Reservation of Property Rights

We consider that all goods delivered by us are our property until all of our demands stemming from the business contract (both principal and secondary ~~agreements~~ demands) are paid and until all balances on the buyer's account have been taken care of. When payment is by draft or check our property rights continue until the draft or check has cleared.

Until such time the purchaser may sell the goods delivered only through regular business operations. The purchaser is required to report to us immediately any dealings with third persons which involve goods to which we still have property rights.

XI. Special Orders

Whenever possible, special orders will be accepted upon request, provided the ~~buyer~~ person or firm ordering the goods agrees in advance ^{to} with the costs involved and provided he will take over the entire amount of such goods which we produce. Goods manufactured for such special orders may not be returned by the purchaser.

XII. Resale

Our goods may not be resold under another name. In the case of bulk goods, packaging in small quantities, with or without labels, is not permitted without our specific permission.

XIII. The fact that individual points in the above sales specifications may not apply in certain cases does not affect the validity of the remaining points. Sales specifications set by the person or firm ordering goods which contradict or supplement these specifications are not binding for us, even though they order may depend upon them and even though we have not expressly denied them. Special regulations which we ourselves specify in individual cases take precedence over our general specifications in case they contradict the latter.

Leuna Plant, October 1948

Corporation for Mineral Fertilizers

Leuna Chemical Plant

Sales and Shipping Division

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[Note - Groups are not in numerical order]
 Group II. Petroleum Products

1. Gasoline
2. Diesel fuel
3. Petroleum ether
4. Lighter fluid

1. Gasoline:

Properties:

Clear, highly fluid liquid. Specific weight about 0.730 at 15° Centigrade. Octane count 64. Vapor pressure at 40° Centigrade 0.60 to 0.75 atmospheres above normal. Boiling range 40° to 125° Centigrade. Volatility test: under 5 milligrams per 100 cubic centimeters of gasoline.

Use:

Fuel for carburetor-type engines.

Type of packaging: In tank cars and drums.

Price:

DM 45 per 100 liters for small consumers

DM 37.50 per 100 liters for distributors and wholesale purchasers in tank car lots, freight paid to purchaser's station.

2. Diesel fuel:

Properties:

Clear, colorless, highly fluid liquid. Intermediate product in the production of automobile fuel. Specific weight about 0.835 at 15° Centigrade. Boiling range 260° to 330° Centigrade. Cetane ~~sig~~ count 42 - 45. Viscosity at 20° Centigrade 1.1 to 1.15 E°.

Use:

Fuel for Diesel engines.

Type of packaging: In tank cars and drums.

Price:

DM 36.50 per 100 kilograms in tank cars, freight paid to main line station.

DM 41.00 per 100 kilograms for small consumers.

3. Petroleum ether:

Properties:

Clear, highly fluid liquid. Gasoline fraction. Specific weight 0.643.

Use:

Solvent.

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Type of packaging: In drums.

Price: Up to 500 kilograms DM 110. Subject to petroleum tax on lots of over 4 kilograms.

4. Lighter fluid

Properties: Clear, highly fluid liquid. Produced by fractional distillation from Gas-Phar-B product or hydrogenation-process automobile gasoline. It boils between 80° and 100°. It has a pleasant odor, ignites easily in cigarette lighters, burns without smoking.

Uses: To fill cigarette lighters.

Type of packaging: In 100-cubic-centimeter glass bottles.

Price: 100-cubic-centimeter glass bottle: DM 0.70

DM 0.80 Wholesale price

DM 1.00 Maximum retail price

~~Group III. Liquid Gases~~

~~1. Propane~~

~~2. Fuel gas~~

~~3. Dimethyl ether~~

~~4. Liquid carbon dioxide~~

~~5. Carbox.~~

Group I. Nitrogen Products

1. Liquid ammonia (synthetic)

2. Aqueous ammonia

3. Spirits of ammonia

4. Ammonium sulfate.

1. Liquid ammonia (synthetic)

Properties: Synthetically produced liquified ammonia. Pure, clear, colorless liquid with a pungent odor. Boiling point -35° Centigrade. NH_3 content 99.8 percent. Prepared in an especially pure form with an NH_3 content of 99.9 percent for use as a refrigerant.

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Use: For industrial purposes, for the refrigeration industry, for the production of nitric acid, fertilizers, etc.

Type of packaging: Delivery in tank cars or steel bottles under a pressure of 10 to 15 atmospheres.

Price: In tank cars, DM 76.50 per 100 kilograms NH_3 , freight paid to main line station, plus DM 1.50 rental fee on tank car per 100 kilograms NH_3 .
to DM 140.00
Steel bottles, DM 90.00/per 100 kilograms, including rental fee for bottles. Sold through "Nitrogen Products for Industrial Purposes", Berlin W 8, Jägerstrasse 6.

2. Aqueous ammonia

Properties: Solution of synthetic ammonia in water. Colorless, slightly iridescent liquid with a pungent odor. NH_3 content 25 to 28 percent.

Use: For industrial purposes, for production of fertilizers, soda, etc.

Type of packaging: Delivery in tank cars, drums, and bottles protected with wicker covers (carboys).

Price: DM 40.00 per 100 kilograms NH_3 , freight paid to main line station, plus DM 1.08 per 100 kilograms NH_3 as rental fee for containers. Sold through "Nitrogen Products for Industrial Purposes", Berlin W 8, Jägerstrasse 6.

3. Spirits of Ammonia

Properties: Solution of synthetic ammonia in water. Colorless liquid with a pungent odor. NH_3 content 25 percent.

Use: For special industrial purposes (~~yeast industry~~, production of artificial silk, spinning mills, wool carding establishments), for drug stores and pharmacies.

Type of packaging: Shipment in tank cars, drums, and bottles with protective wicker covers.

Price: In purchaser's tank cars, DM 57.96 per 100 kilograms NH_3 .
In rented tank cars, DM 59.04 per 100 kilograms NH_3 , including

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tank car rental, freight paid to purchaser's station.

Sold through "Nitrogen Products for Industrial Purposes",
Berlin W 8, Jägerstrasse 6.

4. Ammonium sulfate

Properties: White, rhombic crystals, easily soluble in water. About 21 percent nitrogen content. ~~Approximate~~ Size of grain 0.5 - 4 millimeters.

Use: As nitrogenous fertilizer in agriculture. For industrial purposes in the yeast and alcohol industries. In the manufacture of spinning materials.

Type of packaging: Shipment in bulk in railway cars and in paper sacks.

Price: DM 18.75 per 100 kilograms to consumers for use as fertilizer, freight paid to main rail line station. Sale through "German Fertilizer Center", Berlin.

DM 13.20 to DM 15.30 per 100 kilograms for industrial purposes, freight paid to main line station on orders of 15 tons or more per shipment.

Surcharges on small quantities:

DM 0.45 per 100 kilograms for orders of 10 tons ~~minimum~~

DM 1.10 per 100 kilograms for orders of 5 tons ~~minimum~~

DM 5.85 per 100 kilograms for retail quantities.

Sold through "Nitrogen Products for Industrial Purposes", Berlin W 8, Jägerstrasse 6.

Group III. Liquid Gases

1. Propane

Properties: A hydrocarbon gas liquified under pressure, by-product in the manufacture of synthetic gasoline.

Use: For fuel and heating purposes in industry and in households. As solvent in the production of lubricating oil. As a basis for the production of other chemical products.

Type of packaging: In pressure tank cars, in steel bottles holding 15 and 33 kilograms, under pressure of 25 atmospheres.

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Price:

In tank cars, DM 40.00 per 100 kilograms, freight paid to main line station

In bottles: (rental fees on containers in addition; freight paid to main line station)

Up to 500 kilograms, DM 70.00 per 100 kilograms

Up to 1.5 tons, DM 60.00 per 100 kilograms

Up to 3 tons, DM 55.00 per 100 kilograms

Over 3 tons, DM 50.00 per 100 kilograms.

As solvent: DM 45.00 per 100 kilograms, in tank cars.

2. Fuel gas:**Properties:**

Mixture of propane and butane, liquified under pressure.

Vapor pressure 1.5 atmospheres at 0° Centigrade, 16.7 atmospheres at 40° Centigrade. Heating value H_u 109000 calories per kilogram.

Use:

As motor fuel.

Type of packaging: In pressure tank cars or steel bottles.

Price:

In tank cars, DM 50.00 per 100 kilograms

In bottles, to distributors, DM 50.00 per 200 kilograms

In standard bottles to one-time purchasers:

Up to 31 units, DM 45.00 per 100 kilograms

Up to 105 units, DM 43.00 per 100 kilograms

106 units and over, DM 41.00 per 100 kilograms

Odd lots, DM 65.00 per 100 kilograms.

3. Dimethyl ether**Properties:**

Colorless gas with odor resembling ether. Vapor pressure over 4.3 atmospheres (15° Centigrade). Boiling point -25° Centigrade. Heating value H -- 7140 calories per kilogram.

Obtained from crude methanol by pressure distillation.

For the refrigeration industry. As a basis for chemical processing to produce dimethyl aniline, dimethyl sulfate, etc.

As fuel ether for household and industrial purposes.

Use:

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Type of packaging: In pressure tank cars and steel bottles.

Price: For heating purposes, DM 70.00 per 100 kilograms, plus charges for filling and rental fees on containers.

For refrigeration purposes; (plus charges for filling and rental fees on containers):

Up to 40 kilograms, DM 145.00 per 100 kilograms

Up to 100 kilograms, DM 130.00 per 100 kilograms

Over 100 kilograms, DM 115.00 per 100 kilograms.

4. Liquid carbon dioxide

Properties: Liquified gas under pressures corresponding to conditions of temperature (60 to 80 atmospheres)

Use: Fire extinguisher; for industrial purposes; for production of carbonated water; for pressure devices for beer taps.

Type of packaging: In steel bottles.

Price: To wholesale purchasers, in purchaser's bottles, DM 51.50 per 100 kilograms, DM 56.00 in rented bottles.

To retail purchasers, in purchaser's bottles, DM 67.50 per 100 kilograms, in rented bottles, DM 72.00.

5. Carbon

Properties: Gaseous mixture of ethylene and carbon dioxide in the proportion of 1:9.

Use: Insecticide, especially for insects in grain elevators.

Type of packaging: Pressure steel bottles. Sold through "Degesch", Frankfurt/Main, representative: Vester Company, Ltd., Halle/Saale.

IV. Industrial Gases

1. Hydrogen in bottles

Properties: Compressed gas, containing over 95 percent hydrogen.

Use: For autogene welding and other purposes.

Type of packaging: In steel bottles.

Price: In purchaser's bottles, DM 0.67 per cubic meter

In rented bottles, DM 0.75 per cubic meter.

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2. Oxygen in bottles

Properties: 98 to 98.5 percent pure oxygen under a pressure of 150 atmospheres.

Use: For cutting and welding in mechanical workshops.

Type of packaging: In steel bottles.

Price: In purchaser's bottles, DM 0.50 per cubic meter
In rented bottles, DM 0.68 per cubic meter.

3. Nitrogen in bottles

Properties: 99.5 percent pure nitrogen, remainder oxygen, contains slight traces of oil (150 atmospheres pressure).

Use: For industrial purposes.

Type of packaging: In steel bottles.

Price: In purchaser's bottles, DM ~~1x2~~ \$1.00 per 100 cubic meters
In rented bottles, DM 55.50 per 100 cubic meters

4. Nitrogen (very pure), suitable for lamp bulbs

Properties: Chemically pure

Use: To fill incandescent bulbs

Type of packaging: In steel bottles

Price: DM 3900 per hundred cubic meters from plant in purchaser's bottles.

5. Compressed air in bottles

Properties: Atmospheric air, containing oil, compressed at 150 atmospheres.

Use: Air for use in starting engines and for industrial purposes

Type of packaging: In steel bottles

Price: In purchaser's bottles, DM 42.00 per 100 cubic meters
In rented bottles, DM 51.00 per cubic meters.

V. Methanol**1. Pure Methanol**

Properties: Clear, colorless, highly fluid liquid with an ~~strong~~ odor resembling that of fusel oil. Boiling point 65° Centigrade. Specific weight 0.8000 at 15° Centigrade. Very poisonous.

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Use: For chemical and industrial purposes, as solvent, for the production of formaldehyde, plastics, etc.

Type of packaging: In tank cars, drums, and large glass bottles.

Price: DM 31.00 to DM 42.00 per 100% kilograms (scaled prices), freight paid to main line station.

2. Leuna fuel methanol

Properties: Methyl alcohol containing few impurities, obtained from the distillation of crude methanol. Colored with marine blue and denatured with light oil and ketone oil.

Use: For heating purposes (substitute for fuel alcohol).

Type of packaging: In iron drums, canisters, and bottles.

Price: Maximum consumer price, DM 0.57 per ~~liter~~ ^{liter}

VI. Isobutylol Products

1. Propanol, extra

Properties: Clear, colorless, highly fluid liquid, pleasant alcoholic odor, free of aldehydes. Obtained from crude isobutyl alcohol by fractional distillation. Subsequently hydrogenated and again fractionated.

Use: Starting material for the manufacture of various ^{organic} ~~chemical~~ products, solvent for the varnish industry, in the cosmetic and photographic industries.

Type of packaging: In tank cars, drums, and large glass bottles.

Price: DM 132.00 to DM 145.00 per 100 kilograms, freight paid to main line station (scaled prices).

2. Isobutyl alcohol (industrial grade)

Properties: Clear, colorless, highly fluid liquid with a strongly alcoholic odor. Produced from carbon monoxide and hydrogen by high-pressure synthesis.

Use: Used as a solvent. Is starting material for the production of isobutylene, Oppanol ~~[a trade name]~~ and Isooctan ~~[iso-octane -- a trade name]~~; also for the production of

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complicated esters of acetic acid, phthalic acid and phosphoric acid and of isobutyl ~~with~~ aldehyde, isobutyric acid, and isobutyl amine.

Type of packaging: In tank cars and banded drums.

Price: DM 120 to DM 140 per 100 kilograms (scaled prices).

3. Isobutyl alcohol, pure.

Properties: Clear, colorless, highly fluid liquid with a strong alcoholic odor, obtained by distilling crude isobutyl alcohol.

Use: For the production of very pure isobutylene (Mekal), phthalates (Palatinol L).

Type of packaging: In tank cars and banded drums.

Price: DM 150 to DM 175 per 100 kilograms (scaled prices).

4. Leuna amyl alcohol

Properties: Clear, colorless liquid with an odor resembling that of fusel oil, obtained by the fractional distillation and hydrogenation of crude isobutylol.

Use: Starting material for the production of various organic products, as a solvent, a softener, for the production of xanthates, Polysolvan A.

Type of packaging: In tank cars and drums.

Price: DM 150 to DM 175 per 100 kilograms (scaled prices)

5. Intrasolvan H8, pure

Properties: Clear, colorless, highly fluid liquid with ~~an~~ an odor slightly resembling that of menthol, obtained by fractional distillation of isobutylol (alcohol fraction C₆, C₇ from isobutylol with 80 percent isocalcohols).

Use: Starting material for the production of various organic products; ~~as~~ a solvent; used in the production of acetic acid, phthalic acid, phosphoric acid esters; used to prevent formation of foam.

Type of packaging: In tank cars and drums.

Price: DM 150 to DM 175 per 100 kilograms (scaled prices).

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6. Intrasolvan SHS, pure

Properties: Clear, light yellow, highly fluid liquid, obtained by fractional distillation of isobutylol, alcohol fraction C₈ - C₁₀.

Use: For leather oils and for lacquer used to coat tin cans.

Type of packaging: In tank cars and iron drums.

Price: DM 150 to DM 175 per 100 kilograms (scaled price)

7. ~~Sinapent~~ Dioprol

Properties: Yellowish-white, highly fluid liquid. Hydrogenated alcohol fraction from the distillation of isobutylol. Primarily di-isopropyl carbinol.

Use: Solvent for varnishes, substitute for turpentine

Type of packaging: In tank cars and drums

Price: DM 102 to DM 125 per 100 kilograms (scaled prices), freight paid to main line station.

8. Lacquer reagent K

Properties: Yellow, highly fluid liquid with an odor resembling that from crude isobutylol alkaline treatment. of ether, obtained by fractional distillation and ~~separation~~
~~separation~~

Use: As solvent for gun-cotton, for substances to protect the skin against chlorine, and for rosins.

Type of packaging: In tank cars and drums.

Price: DM 74.00 to DM 85.00 per 100 kilograms (scaled price), freight paid to main line station.

9. Delta - L

Properties: Light brown liquid with a characteristic odor, obtained from isobutylol by fractional distillation and subsequent hydrogenation, fraction 170° to 270°.

Use: For matt-finishes of artificial silk.

Type of packaging: In tank cars and drums.

Price: DM 160 to DM 180 per 100 kilograms (scaled price).

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10. Hydral

Properties: Light-colored, highly fluid liquid, obtained from the high-boiling fractions in the synthesis of isobutylol by cracking hydrogenation. Absolutely free of aromatic substances. The various fractions are designated by the numbers I - III.

Use: Hydral I is used as an extraction solvent and as disinfectant for wounds. Hydral II is used as a solvent for rubber and for the production of pharmaceutical products. Hydral III is used as a solvent for the varnish industry and to clean machinery.

Type of packaging: In tank cars and iron drums.

Price: DM 80 per 100 kilograms.

VII. Amines, Aldehydes, and Carbon Acids

1. Monomethyl amine

Properties: Gas liquefied under pressure, obtained from methanol and ammonia by synthesis, ~~xxxxxxxxxxxxxxxx~~ has an unpleasant, pungent odor. Boiling point -6° Centigrade. Density 0.696 up to 12° Centigrade.

Use: Used for further processing in the the chemical and pharmaceutical industries, for the production of Alkacid Solution M, for the removal of H_2S and CO_2 from gases to be used for synthesis.

Type of packaging: Pressure tank cars or steel bottles.

Price: In liquid form DM 300 to DM 460 per 100 kilograms (scaled prices).

In solution, DM 600 per 100 kilograms (on the basis of 100 % product).

2. Dimethyl amine

Properties: Gas liquefied under pressure, obtained from methanol and ammonia by synthesis or from monomethylamine and formaldehyde, has an unpleasant, pungent odor. Boiling point -8°

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Centigrade. Density 0.680.

Use: Used for further processing in the chemical industry and for the production of Alkazid Solution Dik for the removal of H_2S and CO_2 from gases to be used for synthesis.

Type of packaging: Pressure tank cars or steel bottles.

Price: In liquid form, DM 380 to DM 540 per 100 kilograms (scaled prices)

In solution, DM 600 per 100 kilograms (on the basis of 100 % product).

3. Alkazid Solution Dik

Properties: Strongly alkaline, slightly viscous, watery fluid with a characteristic odor.

Use: For selective removal of hydrogen sulfide from industrial gases containing carbon dioxide.

Type of packaging: In tank cars and drums

Price: DM 180 per 100 liters, in tank cars

DM 200 per 100 liters, in drums up to 10 cubic meters

4. Alkazid Solution M

Properties: Brownish, thickish liquid with a fishy odor, produced by saponification of the corresponding nitriles with potassium hydroxide.

Use: For the removal of H_2S and CO_2 from industrial gases

Type of packaging: In tank cars and drums

Price: DM 160 per 100 liters, in tank cars.

5. Salicylic acid

Properties: Powder with a slight, light-brownish tinge, contains about 30 percent water.

Use: Intermediate product, used for the production of dyes and pharmaceutical preparations.

Type of packaging: Wooden drums or Mauser drums. ~~Specifically~~ ^{as powder} Produced as outlined in paragraph XI of the specifications regarding sales.

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6. Para-oxybenzoic acid

Properties: Powder, ranging from light brown to dark brown, obtained from phenol in about 50 percent potassium hydroxide. The crude product contains about 20 percent water.

Use: Intermediate product. Used in the manufacture of color film components and as a preservative for food products.

Type of packaging: Wooden drums or Mauser drums.
Special orders as specified in Paragraph XI.

7. Alpha-oxy-naphthole acid

Properties: Gray powder, obtained from alpha naphthol and 50 percent sodium hydroxide. The crude product contains about 60 percent water.

Use: Intermediate product. Used in the manufacture of color film components.

Type of packaging: Wooden drums and Mauser drums
Special orders as specified in Paragraph XI.

8. Hexamethylenetetramine pro anal [sic]

Properties: White crystals, produced from ammonia and formaldehyde.

Use: As a catalyst for vulcanizing.

Type of packaging: In paper bags.

Price: Up to 100 kilograms, DM 600 per 100 kilograms
100 to 500 kilograms, DM 550 per 100 kilograms
Over 500 kilograms, DM 500 per 100 kilograms.

VIII. Preliminary Products and By-Products in Plastics Manufacture

1. Phenol (pure)

Properties: Reddish-brown liquid, solidifies at 40° Centigrade to a whitish, crystalline mass, melting point 40° Centigrade. [sic]

Use: For the manufacture of ignitides [sic], adipic acid, tanning agents, synthetic resins, bakelite, triphenyl phosphate. [materials resembling nylon]

Type of packaging: In heated tank cars.

Price: DM 98 to DM 120 per 100 kilograms (scaled price).

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2. Cresols

Properties: Slightly yellow, corrosive liquid with a strongly phenolic odor, ~~mineral~~ derived from phenolic oils.

Use: For the manufacture of disinfectants, softeners, tanning agents, and plastics.

Type of packaging: In tank cars.

Price: Cresol DAB IV [German Pharmacopeia], DM 34 to DM 46 per 100 kilograms (scaled price)
 Cresol DAB refined, DM 44 per 100 kilograms
 Ortho-cresol fraction, DM 40 to DM 55 per 100 kilograms (scaled price).

3. Cresol DAB VI [German Pharmacopeia, 6th edition]

Properties: Liquid mixture of meta-cresol and para-cresol with less than 2 percent ortho-cresol. ~~Stark~~ Derived from phenolic oils by decomposition and rectifying distillation.

Use: As an intermediate product, for the manufacture of tri-cresyl phosphate.

Type of packaging: In tank cars.

Price: DM 44.80 to DM 60.00 per 100 kilograms (scaled price).

4. Cresol DAB VI, specially refined

Properties: See above.

Use: Starting material for the manufacture of softeners.

Type of packaging: Tank cars.

Price: DM 54.80 per 100 kilograms.

5. Xylenol

Properties: Slightly yellowish-brown, corrosive liquid with a phenolic odor. Specific weight 1.027 at 20° Centigrade.

Use: For the manufacture of synthetic resins, materials used in the processing of textiles, preservatives, flotation agents, etc.

Type of packaging: In tank cars.

Price: DM 31.30 to DM 45.00 per 100 kilograms (scaled price).

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6. Basileum [sig]

Properties:

Thick,
Dark brown liquid with a phenolic odor. Produced by processing alkyl phenol with sodium hydroxide.

Use:

As a preservative for wood.

Type of packaging: In tank cars, drums, and canisters. Not in tinned or galvanized containers. Danger of explosion.

Price:

DM 70 to DM 80 per 100 kilograms (scaled price).

7. Cyclohexanol

Properties:

Slight~~ly~~ yellowish liquid with an odor of almonds. Manufactured from phenol by catalytic hydrogenation at 150° Centigrade and 15 to 25 atmospheres.

Use:

For the manufacture of adipic acid, cyclohexanone, and complex esters.

Type of packaging: In heated tank cars or iron drums.

Price:

DM 225 to DM 255 per 100 kilograms (scaled price).

8. Cyclohexanone

Properties:

Clear, colorless, highly fluid liquid with an odor of almonds, obtained from cyclohexanol.

Use:

For the manufacture of cyclohexanonoxim [sig], as a solvent, as a preliminary product in the manufacture of laktan, as a solvent for Igelite and nitro lacquers.

Type of packaging: In tank cars or iron drums.

Price:

DM 230 to DM 260 per 100 kilograms (scaled price).

9. Caprolactam

Properties:

Solid, in the form of yellowish-white scales (lactam of aminocaproic acid), obtained by regrouping cyclohexanonoxim [sig].

Use:

For the processing synthetic fibers (Perlon).

Type of packaging: In wooden drums, iron drums, and paper bags.

Price:

DM 1500 per 100 kilograms.

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IX. Resins, Lacquers, Paints, and Adhesives

1. Synthetic amber

Properties: Synthetic amber is a phenol resin which is ~~insoluble~~ heat resistant, is insoluble in solvents, is resistant to acids and alkalis, and resembles amber in color. It possesses valuable mechanical properties, such as great hardness and great resistance to bending and shock. It has a comparatively low specific weight of about 1.35, and can be worked with saws, can be turned, ground, and polished.

Use: For the manufacture of consumer and luxury items of all sorts, such as buttons, cigarette holders, jewelry, chess men, etc.

Type of packaging: In firm wooden boxes containing about 50 kilograms.
Trial product.

2. Leupolit

Properties: Light-colored liquid consisting of nitrocellulose, a special synthetic resin, and a mixture of various solvents.

Use: For high-gloss polishing of furniture. It is thinned down as necessary and applied like shellac. Any mineral oil can be used as a thinner. The high-gloss finish is almost equal to that imparted by shellac.

Type of packaging: In drums and canisters.

Price: DM 560 per 100 kilograms.

3. Leumattin

Properties: Yellowish liquid. Consists mainly of nitrocellulose, synthetic resin, and a mixture of solvents.

Use: Applied over stained or unstained furniture to produce a dull gloss.

Type of packaging: In drums and canisters.

Price: DM 440 per 100 kilograms.

4. Thinner for Leupolit

Properties: Liquid, consisting of solvents.

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Use: Serves as a distributor for polishing with Leupolit and at the same time as a thinner.

Type of packaging: In canisters.

Price: DM 350 per 100 kilograms.

5. Thinner for Leumattin

Properties: Mixture of various solvents.

Use: For the manufacture of nitroacetaldehyde ^g base lacquers and matting varnishes.

Type of packaging: In canisters.

Price: DM 330 per 100 kilograms.

6. Gini glue dye

Properties: Soft, floury powder with an anhydride base.

Use: For coating walls and ceilings. Gini can also be tinted with mineral ~~stannic~~ pigments.

Type of packaging: In bulk or in paper sacks.

Price: DM 20 per 100 kilograms.

7. "K" glue

Properties: Light yellowish-brown, syrupy liquid with a faint odor of formaldehyde. Condensation product from urea and formaldehyde.

Use: For both cold-process and hot-process gluing of wood, vulcanized fiber, and hard cardboard, also for gluing felt and other textile materials to wood, cardboard, etc.

Type of packaging: In $\frac{1}{2}$ iron and wooden drums.

Price: DM 240 per 100 kilograms.

8. Hot-process hardener

Properties: Thick, brown liquid.

Use: Hot-process gluing with "K" glue.

Type of packaging: Large glass bottles.

Price: DM 61 per 100 kilograms

9. Cold-process hardeners

Properties: Yellow, red, or white powder.

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Use: For cold-process gluing with "K" glue.
 Type of packaging: In wooden drums and paper bags.
 Price: Red and yellow: DM 145 per 100 kilograms.
 White: DM 100 per 100 kilograms.

10. Foam hardener

Properties: Fluffy, brown powder.
 Use: Used with hot-process hardener in the manufacture of plywood using "K" glue and hot-process gluing technique.
 Serves both as hardener and diluent.

Type of packaging: In 50-liter wooden drums.

Price: DM 64 per 100 kilograms.

11. Ultra ^{glue} ~~mark~~, FR

Properties: This paper ~~mark~~ ^{glue,} like the office glue "Ultra glue ~~mark~~ KR", is manufactured on a base of urea and formaldehyde. Adhesion of the glued surfaces takes place after about 20 - 30 minutes. This glue can be used without a hardener.

Use: For gluing paper in book-binding establishments and printing houses.

Type of packaging: In bulk, in rented containers.

Price: DM 385 per 100 kilograms.

12 Ultra glue, KR

Properties: Condensation product from urea and formaldehyde. The glue is ready for use and is used without a hardening agent. Holds firmly after only a few minutes.

Use: In offices, to glue paper, fabric, or leather to wood, paper to glass.

Type of packaging: In bottles containing 50, 75, or 100 grams.

Price: 50-gram bottles: DM .44 at the plant, DM .50 wholesale, DM .65 maximum consumer's price.

75-gram bottles: DM .57 at the plant, DM .65 wholesale, DM .85 maximum consumer's price.

100-gram bottles: DM .70 at the plant, DM .80 wholesale,

DM 1.05 maximum consumer's price.

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**X. Crude Materials for Detergents, Washing Agents and
Wetting Agents, Materials Used in the Textile Industry**

1. Mepasin**Properties:**

Clear, colorless liquid, a hydrocarbon mixture, obtained from Kogasin [mixture of straight-chain hydrocarbons with an average of 15 carbon atoms]. Boiling range 230° to 320° Centigrade. Specific weight about 0.770 at 20° Centigrade. Combustion point about 95° Centigrade.

Use:

Used for the manufacture of Mersol, an intermediate product used for the production of washing agents, materials for the textile industry, softeners, emulsifiers, etc.

Type of packaging: In tank cars. Shipments only to Wolfen and for further processing into Mersol.

2. Mersolate flakes**Properties:**

Slightly yellow flakes, hygroscopic, produced from Mersol and sodium hydroxide.

Use:

For the manufacture of washing agents (sop, washing powder, liquid soap, materials used in the textile industry), disinfectants, delousing preparations, emulsifiers for/Icolit, paints, and varnishes.

Type of packaging: In paper sacks and drums.

Price: DM 190 per 100 kilograms.

3. Mereinit**Properties:**

Slightly yellow liquid, contains Mersolate and sodium chloride.

Use:

Liquid detergent for washing floors and stairs, doors, windows, bathtubs, etc.

Type of packaging: In tank cars, drums, and large glass bottles.

Price: DM 29.00 per 100 kilograms
per 100 kilograms
DM 33.40/wholesale
DM 40.00 per 100 kilograms, maximum consumer's price.

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4. Washing powder

Properties: White powder, mixture of Mersolate and inorganic cleansing agents.

Use: For washing clothes, both at home and in laundries.

Type of packaging: In paper sacks.

Price: to wholesalers,
DM 50.40 per 100 kilograms, ~~wholesaler's~~, including packing,
freight paid to station.

DM 60.00 per 100 kilograms, wholesale, freight paid to
retailer's
~~wholesaler's~~ establishment.

DM 80.00 per 100 kilograms, maximum consumer's price.

5. Melavin B

Properties: Clear, light brown liquid, ^{aqueous} ~~water~~ solution of sulfonate with organic solvents.

Use: Material used in the textile industry for washing wool and for chemical cleaning.

Type of packaging: In tank cars, drums, and large glass bottles.

Price: Up to 100 kg, DM 310 per 100 kilograms, freight paid to main line station

Over 1000 kilograms, DM 300 per 100 kilograms.

6. Melana, extra

Properties: Clear, yellowish liquid, aqueous solution of a wetting, dispersal, and cleansing agent.

Use: As a reagent in the textile industry, to wash raw wool in wool-carding establishments.

Type of packaging: In tank cars, drums, and large glass bottles.

Price: In drums, DM 180 per 100 kilograms

In tank cars, DM 170 per 100 kilograms.

7. Emulsifier E 30

Properties: Slightly yellow flakes, hygroscopic.

Use: For the emulsification of oils and as a reagent for dyeing.

Type of packaging: Paper sacks and tight drums.

Price: DM 325 per 100 kilograms.

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8. Lubricant

Properties: Yellow, honey-like glue
 Use: To facilitate removal of pressed articles from molds in preliminary pressing of plastic.
 Type of packaging: In sealed drums.
 Price: DM 300 per 100 kilograms.

9. Leuna wetting agent

Properties: Clear, yellowish liquid
 Use: To be added to water used to extinguish fires of brown coal dust.
 Type of packaging: In tank cars, drums, and large glass bottles.
 Price: DM 170 per 100 kilograms.

10. Wetting agent, S extra

Properties: Light yellow paste
 Use: As a carbonization agent in washing of wool.
 Type of packaging: In drums.
 Price: DM 300 per 100 kilograms.

Xi. Foods and Beverages

1. Baking powder

Properties: White powder which decomposes at high temperatures to produce gas.
 Use: As a leavening agent for baking.
 Type of packaging: In bags, which are sold in cartons, or in bulk.
~~Substances which are used for the production of carbon dioxide gas in the manufacture of bread and other baked goods.~~
~~Substances which are used for the production of carbon dioxide gas in the manufacture of bread and other baked goods.~~
 Price: DM 420 per 100 kilograms, in bulk to small industrial consumers
 DM 4.20 per 100 ^{sig} bags
 DM 480 per " " " , wholesale price
 DM 6.00 " " " , maximum consumer's price.

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2. Hartsorn salt (ammonium carbonate)

Properties: White, rhombic crystals, easily soluble in water. Melting point 40° Centigrade. Water content about 10 percent.

Use: In baking and for industrial purposes.

Type of packaging: In paper sacks and in wooden drums with lids.

Sold through "Nitrogen Products for Industrial Purposes", Berlin W 8, Jägerstrasse 6.

3. Leuna edible acid

Properties: White powder, organic acid.

Use: For ~~pickling~~ pickling foodstuffs

Type of packaging: In bags, which are packed in cartons.

Price: DM 28 per 100 bags
DM 32 per 100 bags, wholesale price
DM 40 per 100 bags, maximum consumer's price.

XII. Pharmaceutical Products

1. Moleusol

Properties: Reddish-brown liquid with an odor of phenol, strongly disinfectant. Manufactured from Mercolate and cresol DAB IV.

Use: As a disinfectant.

Type of packaging: In tank cars, drums, large glass bottles, small bottles.

Price: In bulk, up to 50 kilograms, DM 160 per 100 kilograms
In bulk, up to 500 kilograms, DM 140 per 100 kilograms
In bulk, up to one ton, DM 138 per 100 kilograms
In bulk,
/Over one ton, DM 130 per 100 kilograms.

In 100-cubic-centimeter bottles, DM .50 each

In 1-liter bottles, DM 2.80 each

Wholesale price: DM .59 each for 100-cubic-centimeter bottles, DM 3.30 each for 1-liter bottles

Consumer's price: DM .90 each for 100-cubic-centimeter bottles, DM 4.95 each for 1-liter bottles.

Price to institutions: DM 4.40 for 1-liter bottles.

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2. Mitranol

Properties: Liquid consisting of a wetting agent and hydrocarbons.

Use: To combat body lice

Type of packaging: In canisters, large glass bottles, and small bottles.

Price: In bulk, DM 5.00 per kilogram

In 100-cubic-centimeter bottles, DM .80 each
6.00

In 1-liter bottles, DM ~~12.50~~ each

Wholesale price: 100-cubic-centimeter bottles, DM .95 each,
1-liter bottles, DM 7.08 each

Consumer's price: 100-cubic-centimeter bottles, DM 1.68
each, 1-liter bottles, DM 11.69 each.

Price to institutions: 1-liter bottles: DM 9.73 each.

3. Sarnex

Properties: Yellow liquid with an odor resembling that of gasoline.

Use: For external use to combat parasitic infections of the
skin (scabies, etc.)

Type of packaging: Canisters and small bottles

Price: In bulk, up to 10 liters, DM 7.00 per liter

In bulk, up to 50 liters, DM 6.50 per liter

In bulk, over 50 liters, DM 6.00 per liter.

In 100-cubic-centimeter bottles, DM 1.10 ~~per~~ each

In 1-liter bottles, DM 7.50 each.

Wholesale price: 100-cubic-centimeter bottles, DM 1.30
each, 1-liter bottles, DM 8.85 each.

Consumer's price: 100-cubic-centimeter bottles, DM 2.21
DM
each, 1-liter bottles, 13.63 each

Price to institutions: 1-liter bottles, DM 12.16 each.

4. Sarnex, veterinary grade

Properties: Yellow liquid with an odor resembling that of gasoline.
Manufactured from Mesulfol I.

Use: For external use to combat parasitic skin infections on
both large and small animals (mange, etc.)

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Type of packaging: In canisters and small bottles

Price: At the plant: 100-gram bottles, DM 1.10 each
 200-gram bottles, DM 1.75 each
 1000-gram bottles, DM 7.50 each
 Wholesale: 100-gram bottles, DM 1.30 each
 200-gram bottles, DM 2.06 each
 1000-gram bottles, DM 8.85 each
 Retail: 100-gram bottles, DM 2.21 each
 200-gram bottles, DM 3.49 each
 1000-gram bottles, DM 13.63 each
 To institutions: 1000-gram bottles, DM 12.16 each.

5. Leunalyd

Properties: White, floury powder. Aluminum hydroxide, colloidal. Used to combat excess stomach acidity, heartburn, vomiting, gastritis, diarrhea, and other stomach and intestinal disorders.

Type of packaging: In small packets.

Price: 50-gram packets, DM .72 each
 100-gram packets, DM 1.35 each
 Packets of 24 0.5-gram tablets, DM .55 each.
 Wholesale price: 50-gram packets, DM .85, 100-gram packets, DM 1.60, 24-tablet packet, DM .66. Price to consumers: 50-gram packet, DM 1.50, 100-gram packet, DM 2.72, 24-tablet packet, DM 1.17.

6. Hexamethylenetetramine pr. anal. [sig]

Properties: White crystals, produced from ammonia and formaldehyde.

Use: For analytical purposes.

Type of packaging: In 100-gram bags.

Price: DM .80 per bag; wholesale price, DM .96 per bag.

7. Leunerval

Properties: 0.3-gram tablets consisting of bromisovalerian urea.

Use: As a sedative and soporific.

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Type of packaging: 10 tablets in cardboard boxes with sliding covers.
 Price: DM .30 per box, Wholesale price, ^{DM}/.36 per box. Consumer's price, DM .64 per box.

XIII. Catalysts

1. Claus furnace contact

Properties: Generally reddish-brown ^{granules} chunks from 5 to 25 millimeters in size.

Use: To obtain sulfur from gases containing hydrogen sulfide.

Type of packaging: In iron drums.

Price: DM 420 per cubic meter.

2. Reburning contact

Properties: Generally brown-colored chunks ^K from 25 to 50 millimeters in size.

Use: To burn gaseous sulfur compounds ^{to form} SO₂.

Type of packaging: In bulk and in drums

Price: DM 420 per cubic meter; for 20 cubic meters, DM 323 per cubic meter.

3. Contact 7373

Properties: Brown granular ^{material} mass, grain size 5 to 20 millimeters.

Use: To convert carbon monoxide and steam into carbon dioxide and hydrogen.

Type of packaging: In iron drums.

Price: DM 165 per 100 kilograms.

4. Contact 10927

Properties: Black, dust-like substance.

Use: For the hydrogenation of tars and heavy oils in the sump phase.

Type of packaging: In tank cars.

Price: DM 9.00 per 100 kilograms.

5. Contact 5058, new

Properties: Black, cylindrical tablets 6 to 10 millimeters in diameter.

Use: To hydrogenate middle oils to gasoline.

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Type of packaging: In iron drums.

Price: DM 3389 per 100 kilograms

6. Contact 5058, rep. isic -- regenerated?

Properties: Black, cylindrical tablets about 6 to 10 millimeters in diameter.

Use: To obtain gasoline and Diesel fuel from middle oils in the gas phase.

Type of packaging: In iron drums.

Price: DM 265.42 per 100 kilograms -- cost of regeneration; calculated per ton of regenerated Contact.

7. Contact 8376

Properties: Black, cylindrical tablets about 6 to 10 millimeters in diameter.

Use: To hydrogenate middle oils in the gas phase to gasoline (preliminary hydrogenation).

Type of packaging: In iron drums.

Price: DM 1500 per 100 kilograms.

8. Contact 6434

Properties: Grey, cylindrical tablets about 6 to 10 millimeters in diameter.

Use: To hydrogenate middle oils in the gas phase to gasoline.

Type of packaging: In iron drums.

Price: DM 640.90 per 100 kilograms.

9. Contact 6448

Properties: Light yellow spheres 6 millimeters in diameter.

Use: To dehydrogenate isobutane to form isobutylene.

Type of packaging: In iron drums.

Price: DM 750 per 100 kilograms.

XIV. Inorganic Products

1. Sulfur

Properties: In chunks, 99.9 percent pure sulfur.

Use: To manufacture carbon disulfide, disinfectants; for

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bleaching purposes in the cellulose and paper industries.

Type of packaging: In bulk, in ~~xxxxxx~~ tank cars.

Price: DM 30 per 100 kilograms, freight paid to main line station.

2. Calcium carbonate I

Properties: ^{Precipitated}
~~Quartz~~ product. White powder containing about 95 percent CaCO_3 . Water content less than 1 percent. Degree of fineness: less than 2 percent will not pass through 10000 screening.

Use: Substitute for whiting. For cosmetic and pharmaceutical products and for industrial purposes.

Type of packaging: In lime cars, in bulk, and in paper sacks.

Price: DM 20.50 per ton in bulk
DM 25.00 per ton in sacks, including cost of sacks.

3. Calcium carbonate II

Properties: Water content less than 1 percent. Minimum of 90 percent CaCO_3 . Degree of fineness: less than 5 percent will not pass through 10000 screening.

Use: For the manufacture of fertilizers and for industrial purposes.

Type of packaging: In lime cars, in bulk, and in paper sacks.

Price: DM 19.50 per ton in bulk.
DM 24.00 per ton in sacks, including cost of sacks.

4. Lime fertilizer

Properties: ^{Precipitated}
~~Quartz~~ product with about 73 percent CaCO_3 and about 1.5 percent ammonium sulfate.

Use: Fertilizer for agricultural use.

Type of packaging: In bulk.

Price: DM 13.80 per ton. Sold through "German Fertilizer Center", Berlin.

5. Dry ice

Properties: Snow-like substance consisting of solid carbon dioxide pressed into blocks weighing 2.5 to 3 kilograms.

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Use: As a refrigerant.

Type of packaging: In bulk.

Price: DM 30 per 100 kilograms.

6. Ammonium chloride, industrial grade (soldering flux)

Properties: Pressed into rectangular blocks about 8 x 5 x 5 centimeters in size. Color ~~light~~ yellowish-white. In bulk, greyish-white crystals.

Use: In blocks, for soldering purposes. In bulk, for filling ^{batteries,} flashlights, and as a reagent for galvanising.

Type of packaging: In paper sacks or wooden drums.

Price: DM 120 per 100 kilograms in blocks

DM 50 per 100 kilograms in bulk.

7. Ammonium chloride, chemically pure, DAB VI

Properties: White salt, about 99.9 percent pure and completely dry.

Maximum permissible impurities:

Iron	0.015 percent
Insoluble material	0.005 "
Non-volatile material	0.01 "
(Sulfate)	0
Heavy metals	0

Use: For pharmaceuticals, principally cough syrups and sal ammoniac lozenges.

Type of packaging: In wooden drums and in parchment paper wrapping furnished by the purchaser; in some cases, also in paper sacks.

Price: Up to 100 kilograms, DM 11⁵/₀ per 100 kilograms

Over 100 kilograms, DM 100 per 100 kilograms.

8. Hydroxylamine sulfate

Properties: White salt, crystals rhombic in shape; readily soluble in water.

Use: Used as a reagent in analytical laboratories, also as an intermediate material in the production of components for color film.

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Type of packaging: In wooden drums.

Price: DM 3120 per 100 kilograms; 10 percent discount on orders of more than 500 kilograms.

9. Hydroxylamine hydrochloride pro anal.

Properties: White salt, 99.8 percent pure, or better. Maximum permissible

impurities: Ash 0.03 percent

Iron 0.01 percent.

Use: For analytical purposes, especially for determination of acetylene, ketones, and aldehydes.

Type of packaging: In stone crocks, in glass containers, or in Holsopan [sig] drums.

Price: DM 5125 per 100 kilograms.

10. Hydrochloric acid M

Properties: ~~By-product~~ By-product from the production of Mersol. Contains 27 - 30 percent hydrogen chloride and 2 - 5 percent sulfuric acid.

Use: For the chemical and metal industries. For the manufacture of pigments.

Type of packaging: In porcelain or rubber-lined tank cars; small quantities in bottles protected with wicker basketwork.

Price: DM 15 per ton, including filling fee.

XV. Insulation and Building Materials

1. Mineral wool

Properties: Greyish-white fibers, produced by melting concrete scraps, granulated generator slag, and Kallersteinen [sig] and blowing air through the molten material.

Use: For heat insulation of pipes and apparatuses.

Type of packaging: In bales measuring 100 x 600 x 25 centimeters. Weight per bale 30 - 40 kilograms.

Price: Up to 15 tons, DM 46.20 per 100 kilograms.

Over 15 tons, DM 42.00 per 100 kilograms.

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2. Leuna floor plastering material, special (patent applied for)

Properties: Building material with an anhydride base, obtained by grinding anhydride, pigment, and material to start reaction.

Use: For non-sectional, crack-free flooring, with the use of sawdust and supplemental materials.

Type of packaging: In bulk.

Price: DM 125 per ton, freight paid to consignee's station.

3. Leunite

Properties: Compound binder ^{with} anhydride base.

Use: For the production of mortar and external and internal trim.

Type of packaging: In bulk and in sacks.

Price: In bulk, DM 33 per ton, dealer's discount of 5 percent.
Delivered by the Niedersachswerfen Gypsum Plant.

Scaled Prices

Product	Price per 100 kg of Nitrogen for Deliveries during the Period from:	
Ammonium sulfate for use as fertilizer	DDZ (German Fertilizer Center) to trade companies	
		DM 16.35 per 100 kg of product
	DDZ to distributors	DM 16.59 per 100 kg of product
	DDZ to consumers	DM 18.75 per 100 kg of product

Price per 100 kg of Product for Deliveries during the Period from:

1 June	16 July	16 Aug.	16 Sept.	16 Oct.	16 Nov.	16 Dec.	16 Jan.
15 July	15 Aug.	15 Sept.	15 Oct.	15 Nov.	15 Dec.	15 Jan.	31 May
13.20	13.60	14.05	14.05	14.25	14.45	14.85	15.30

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Prices in DM per 100 Kilograms

Product	Up to 500 kg	Up to 1 ton	Up to 5 tons	Up to 10 tons	Over 10 tons	
Methanol, pure	42	40	38.75	37	31	
Propanol, extra	145	140	137	134	132	
Isobutyl alcohol, industrial grade	140	135	130	125	120	
Isobutyl alcohol, pure	175	175	160	155	150	
Isuna amyl alcohol	175	175	160	155	150	
Intrasolvan HS, pure	175	175	160	155	150	
Intrasolvan SHS, pure	175	175	160	155	150	
Delta L	180	175	170	165	160	
Dioprol	125	120	110	105	101	
Lacquer reagent K	85	83	81	77	74	
Phenol, pure	120	113	108	103	98	
Cresol, DAB IV	46	43	40	37	34	
Cresol, DAB VI	60	55	51	48	44.80	
Ortho-cresol fraction	55	50	46	43	40	
Xylenol	45	41	38	35	31.30	
Basileum	80	75	72	70	70	
Cyclohexanol	225[2197]	245	235	230	225	
Cyclohexanon	260	250	240	235	230	
	Up to 100 kg	Up to 500 kg	Up to 1 ton	Up to 5 tons	Up to 10 tons	Over 10 tons
Monomethylamine, liquid	460	390	370	350	325	300
Dimethylamine, liquid	540	470	440	415	390	360

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